

CURRENTLY PENDING CLAIMS

61 1. (Currently Amended) A system comprising:
a speech recognizer that recognizes spoken requests for television programming information; and
an output device that generates responses to spoken requests for television programming information;
a module coupled to said recognizer to implement conversational speech; and
a graphical user interface which provides information in a visual form about television programming and a voice user interface which responds to voice requests from the user, said graphical user interface and said voice user interface communicating such that the focus of one of said interfaces is communicated to the other.

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) The system of claim 2 1 including a memory that stores an indication when a attribute recognized by the speech recognizer is spoken by the speech synthesizer.

5. (Currently Amended) The system of claim 2 1 wherein said module produces a select variable and a where variable from a query received from a user.

6. (Currently Amended) The system of claim 2 1 wherein said module develops a meaning derived from said speech recognizer and historical information about previously recognized speech and uses the historical information to modify the meaning derived from said speech recognizer.

1 7. (Original) The system of claim 6 wherein said module determines whether a
2 query includes both a first and a second type of variable and if so, does not use the historical
3 information to alter the meaning derived from a the speech recognizer.

1 8. (Original) The system of claim 7 wherein said module determines whether only
2 one of two variable types is contained in a spoken request and if so, merges a variable with
3 historical information to derive a meaning from the request.

1 9. (Previously Amended) The system of claim 2 wherein said module parses and
2 stores time attributes in a request.

B1 1 10. (Original) The system of claim 9 wherein said module forms time attributes with
2 time ranges.

1 11. (Original) The system of claim 1 further including a processor coupled to a
2 speaker and microphone, the output from said speaker being subtracted from the output of said
3 microphone to reduce interference between the audio portion of a television program and a
4 spoken request.

1 12. (Original) The system of claim 1 including a television coupled to a set-top box
2 and a remote control that controls said set-top box.

1 13. (Original) The system of claim 1 wherein said output device is a speech
2 synthesizer that generates voice responses.

1 14. (Currently Amended) A method comprising:
2 recognizing spoken requests for television programming information; ~~and~~
3 generating responses to spoken requests for television programming information;
4 providing conversational speech recognition; and

5 providing a graphical user interface which generates information in a visual form
6 about television programming and a voice user interface which responds to voice requests from
7 the user, and communicating the focus of one of said interfaces to the other of said interface.

1 15. (Cancelled).

1 16. (Cancelled) }

1 17. (Currently Amended) The method of claim ~~15~~ 14 including storing an indication
2 when a generated response includes a recognized attribute from the spoken request.

B1 1 18. (Currently Amended) The method of claim ~~15~~ 14 including parsing a select
2 variable and a where variable from a spoken request.

1 19. (Currently Amended) The method of claim ~~15~~ 14 including storing meanings
2 derived from current and historical requests and using the historical requests to supplement the
3 meaning derived from said current requests..

1 20. (Original) The method of claim 14 including parsing and storing time attributes in
2 a request

1 21. (Original) The method of claim 14 further including subtracting a signal from
2 a television from the input from the use to reduce interference between the audio portion of a
3 television program and a spoken request.

1 22. (Original) The method of claim 14 wherein generating responses includes
2 synthesizing spoken responses.

1 23. (Currently Amended) An article comprising a medium for storing instructions that
2 cause a processor-based system to:
3 recognize spoken requests for television program information; and

4 generate responses to spoken requests for television programming information;
5 provide conversational speech recognition; and
6 provide a graphical user interface which generates information in a visual form
7 about television programming and a voice user interface which responds to voice request from
8 the user, and to indicate the focus of one of said interfaces to the other of said interfaces.

1 24. (Cancelled)

1 25. (Cancelled)
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B1 1 26. (Currently Amended) The article of claim 24 23 further storing instructions that,
2 cause a processor-based system to store an indication when a generated response includes a
3 recognized attribute from the spoken request.

1 27. (Currently Amended) The article of claim 24 23 further storing instructions that,
2 if executed, enable cause a processor-based system to parse a SELECT variable and a WHERE
3 variable from a spoken request.

1 28. (Currently Amended) The article of claim 24 23 further storing instructions that
2 cause a processor-based system to store meanings derived from the current and historical request
3 and use the historical request to supplement the meaning derived from said current request.

1 29. (Original) The article of claim 23 further storing instructions that cause a
2 processor-based system to parse and store time attributes in a request.

1 30. (Original) The article of claim 23 further storing instructions that cause a
2 processor-based system to generate responses to spoken requests by synthesizing spoken
3 responses.
